PTO/SB/05 (06-03)
Approved for use through 07/31/2003. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	I-2-0544.1US	5
First Inventor	Demir et al.	S. F
Title	DIGITAL BASEBAND RECEIVER INCLUDING A TIME DOMAIN COMPENSATI MODULE FOR SUPPRESSING GROUP DELAY VARIATION DISTORTION INCURRED DUE TO ANALOG LOW PASS FILTER DEFICIENCIES	∞ ⊃
Express Mail Label No.	EV396081457US	6

			_ = x,p; 000 ;	2000				
See MPEP o		ION ELEMENTS ming utility patent application contents.	ADDRE	SS TO:	Commissi P.O. Box 1	Patent Appl oner for Pa 450 a VA 22313	tents	. 2
(Submi 2. Applic See 3: Specifi (preferr - Descr - Cross - Stater - Referr or a c - Back - Brief - Brief - Detail	it an original and a ant claims small 7 CFR 1.27. ication red arrangement scriptive title of the ins Reference to Relament Regarding Forence to sequence computer program I ground of the Inversummary of the In Description of the Iled Description	[Total Pages 21] et forth below) vention ated Applications ed sponsored R & D listing, a table, isting appendix ition vention	8. Nucl (if ap a. b.	ii. Papo	ram (Appermino Acid : essary) Reader Form on Sequent ROM or Cl er er	ndix) Sequence orm (CRF) nce Listing D-R (2 cop	Subn g on: pies);	nission or ve copies
- Claim			A	CCOMPAN	ING AF	PLICA	ION	PARIS
4. Drawin 5. Oath or Dec a. Ne b. Co (for i. 18. If a CONTI specification for Continuat For CONTINUAT 5b, is considered	claration why executed (or py from a prior a r continuation/div DELETION OF Signed statement a name in the prior a 1.63(d)(2) and 1.3 lication Data She NUING APPLICA Illowing the title, or nuation Information: TON OF DIVISION d a part of the dis	[Total Sheets] [Total Sheets] iginal or copy) pplication (37 CFR 1.63(d)) visional with Box 18 completed) INVENTOR(S) attached deleting inventor(s) application, see 37 CFR 3(b). pet. See 37 CFR 1.76 ATION, check appropriate box, and support in an Application Data Sheet under 3 Divisional Continue Examiner AL APPS only; The entire disclosure of the closure of the accompanying continuation	ation-in-part (Control of the prior applies or divisions	CIP) of price Art Unication, from whice all application and	b) Statemer an assign ation Doct sclosure S)/PTO-14 mendment to Postcard ecifically it of Priority is claim an Request oplicant munt.	ent (ree) (ree) (ree) (ree) (ree) (red) (r	Pc At	ower of torney able) spies of IDS itations 2. 122 PTO/SB/35 itence of the
The incorporation	on can only be rea	ied upon when a portion has been inadver 19. CORRESPON			itteu applic	ation parts	·	
[27]			DENOE A	7 -				
X Custon	ner Number:	24374		_ OR ∟	☐ Corres	spondence	e addr	ess below
Name	VOLPE AND	KOENIG, P.C., DEPT ICC						
Address	, 							
City			State			Zip Co	ode	
Country		1	elephone			Fax		-
Name (Print/Type) Scott Wolinsky Registration No. (Attorney/Agent) 46,413								
Signature		of Which	1			Date	12/	31/03

This collection of information is required by 37 CFR 1.53(b). We information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
a collection of information unless it displays a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are required to r

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)	842	00

espond to a collection of fine	offiation whiess it displays a valid Olyib Control humber
Co	omplete if Known
Application Number	Not Yet Known
Filing Date	Not Yet Known
First Named Inventor	Demir et al.
Examiner Name	Not Yet Known
Art Unit	Not Yet Known
Attorney Docket No.	I-2-0544.1US

METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued)	FEE CALCULATION (continued)					
Check Credit card Money Other None 3. ADDITIONAL FEES	3. ADDITIONAL FEES					
Order Large Entity Small Entity Large Entity Small Entity						
Denosit Fee Fee Fee Fee Fee Description	Fee Paid					
Account U9-0435	Fee Palu					
Deposit InterDigital Communications Corporation 1052 50 2052 25 Surcharge - late provisional filling fee or						
Account Name cover sheet						
The Director is authorized to: (check all that apply)	ution					
Charge fee(s) indicated below Credit any overpayments						
Charge any additional fee(s) or any underpayment of fee(s) Examiner action						
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.						
FEE CALCULATION 1251 110 2251 55 Extension for reply within first month						
1. BASIC FILING FEE 1252 420 2252 210 Extension for reply within second month	<u> </u>					
Large Entity Small Entity 1253 950 2253 475 Extension for reply within third month						
Fee Fee Fee Fee PeeDescription Fee Paid 1254 1,480 2254 740 Extension for reply within fourth month						
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee 1270 001 1255 2,010 2255 1,005 Extension for reply within fifth month						
1002 340 2002 170 Design filing fee 770.00 1401 330 2401 165 Notice of Appeal						
1003 530 2003 265 Plant filing fee 1402 330 2402 165 Filing a brief in support of an appeal						
1004 770 2004 385 Reissue filing fee 1403 290 2403 145 Request for oral hearing						
1005 160 2005 80 Provisional filing fee 1451 1,510 1451 1,510 Petition to institute a public use proceeding	ng					
SUBTOTAL (1) (\$) 770.00 1452 110 2452 55 Petition to revive - unavoidable						
1453 1.330 2453 665 Petition to revive - unintentional						
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501 1,330 2501 665 Utility issue fee (or reissue)						
Extra Claims below Fee Paid 1502 480 2502 240 Design issue fee Total Claims 24 - 20 = 4 X 18 = 72.00 1503 640 2503 320 Plant issue fee						
Independent 12 0 10 V 186 1 10 00						
Claims 130 Petitions to the Commissioner						
1807 50 Processing fee under 37 CFR 1.17(q)						
Large Entity Small Entity 1806 180 1806 180 Submission of Information Disclosure Str. Fee Fee Fee Fee Description People of the	nt -					
Code (\$) Code (\$) 8021 40 8021 40 property (times number of properties)						
1202 18 2202 9 Claims in excess of 20 1809 770 2809 385 Filing a submission after final rejection						
1201 86 2201 43 Independent claims in excess of 3 (37 CFR 1.129(a))						
1203 290 2203 145 Multiple dependent claim, if not paid 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))						
1204 86 2204 43 ** Reissue independent claims over original patent 1801 770 2801 385 Request for Continued Examination (RC	E)					
1205 18 2205 9 ** Reissue claims in excess of 20 1802 900 Request for expedited examination and over original patent of a design application						
SUBTOTAL (2) (\$) 72.00 Other fee (specify)						
*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) (\$)	0.00					

(Complete (if applicable)) SUBMITTED BY Registration No. 46,413 Telephone 215-568-6400 Scott Wolinsky Name (Print/Type) 12/31/03 Signature

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.